


Features:

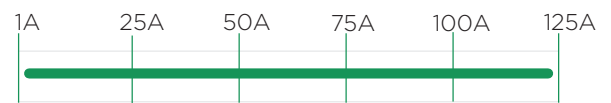
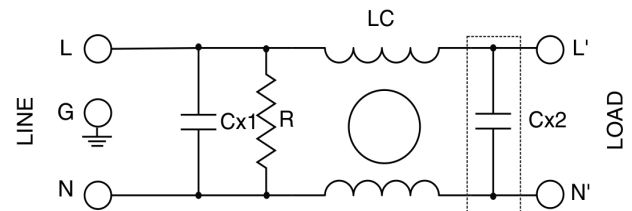
- Rated Current up to 125A
- Ultra-low leakage current
- Chassis mounting

Applications:

- Test Equipment
- X-ray machines
- Monitoring Equipment
- ECG Machines

Performance Indicator

Standard	High	Very High
█		

Rated current [A]

Typical circuit Diagram


*From the current rating 20Amps Cx2 capacitor will be included in the circuit


DATA SHEET
**SINGLE PHASE EMI FILTER - MF 120
MEDICAL VERSION**
Description

These series range of ultra-low leakage General Purpose filters are designed to suppress undesirable electrical disturbances in Power Lines for medical application.

Technical Specifications:

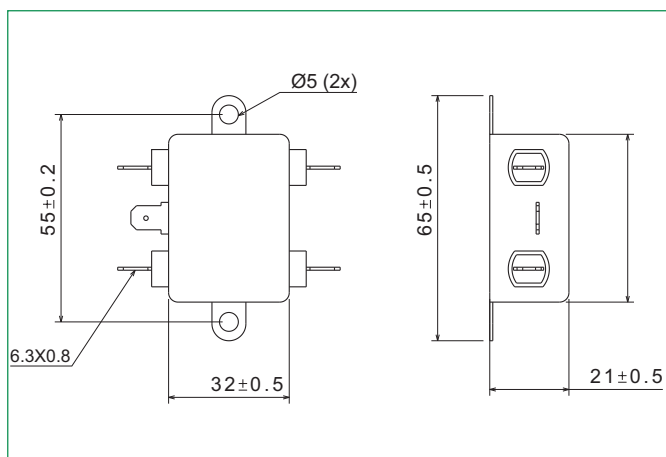
Maximum Continuous Operating Voltage	: 250VAC, 50/60Hz(UL Approval) 250VDC
Operating Frequency	: DC to 400Hz
Current ratings	: 1A to 125A @40°C
High Potential test voltage	: L to G 2250Vdc for 1 Minute L to L 1450Vdc for 1 Minute
Overload Capability	: 135% of Rated current for 15 minutes
Design Corresponding to	: CSA 22.2 No.8-13 and UL 60939-3
Flammability corresponding to	: UL 94 V-0
Temperature range	: -25°C to +85°C
Climatic Category	: 25/85/21

Ordering Information

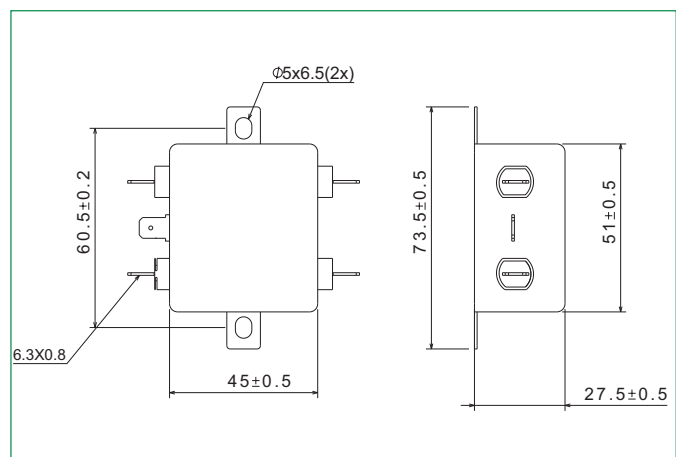
Model Number	Part Number	Rated Current @40°C	Leakage Current (µA) @250VAC/50Hz	Termination		Weight (Grams)
						
MF 120	E101892-2	1A	<5	6.3 x 0.8		60
MF 120	E101892-3	2A	<5	6.3 x 0.8		60
MF 120	E101892-4	3A	<5	6.3 x 0.8		60
MF 120	E101892-5	6A	<5	6.3 x 0.8		60
MF 120	E101892-6	10A	<5	6.3 x 0.8		60
MF 120	E101892-7	15A	<5	6.3 x 0.8		120
MF 120	E101892-8	16A	<5	6.3 x 0.8		120
MF 120	E101892-9	20A	<5	6.3 x 0.8		200
MF 120	E101892-10	25A	<5		M5	650
MF 120	E101892-11	30A	<5		M5	650
MF 120	E101892-12	35A	<5		M5	650
MF 120	E101892-13	40A	<5		M5	650
MF 120	E101892-14	50A	<5		M6	1000
MF 120	E101892-15	60A	<5		M8	1000
MF 120	E101892-16	75A	<5		M8	2000
MF 120	E101892-17	80A	<5		M8	2000
MF 120	E101892-18	100A	<5		M10	2000
MF 120	E101892-19	125A	<5		M10	2000

Mechanical Drawing:

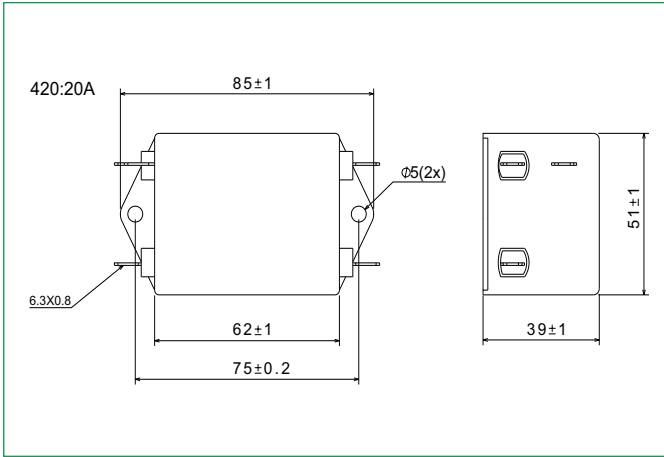
1A-10A



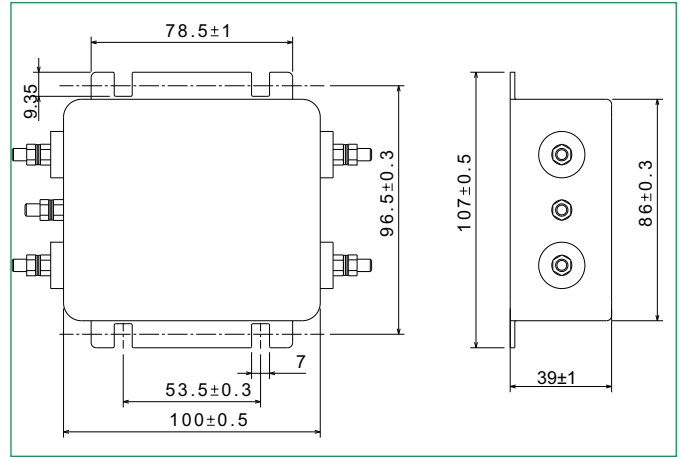
15A-16A



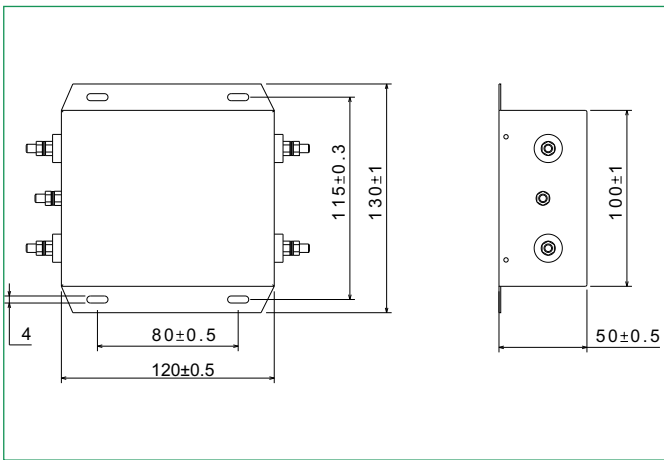
20A



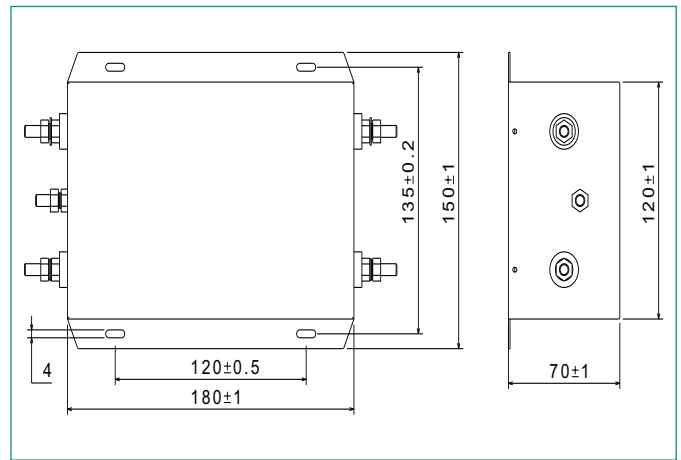
25A-40A



50A-60A



75A-125A



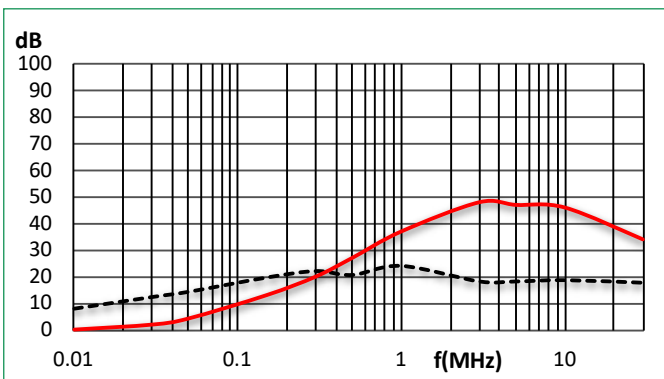
Thread	M5	M6	M8	M10
Recommended Torque (Nm)	2-2.2	3.5-4	8-9	15-17
Earth terminal (Nm)	2-2.2	3.5-4	8-9	15-17

Note: All dimensions in mm; Tolerances according to ISO2768-C

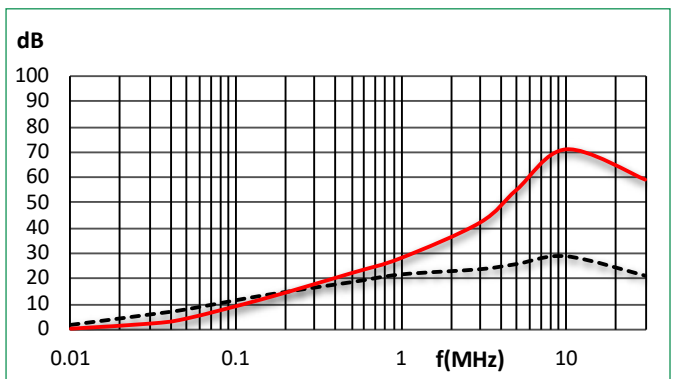
Insertion Loss : Common mode _____ Differential Mode

Per CISPR 17; DM=50/50 sym; CM=50/50 asym

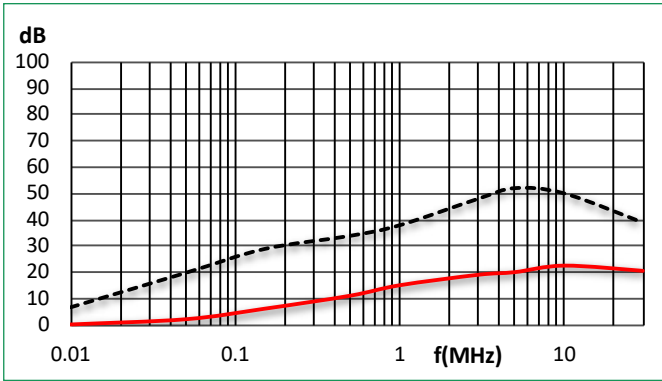
1A



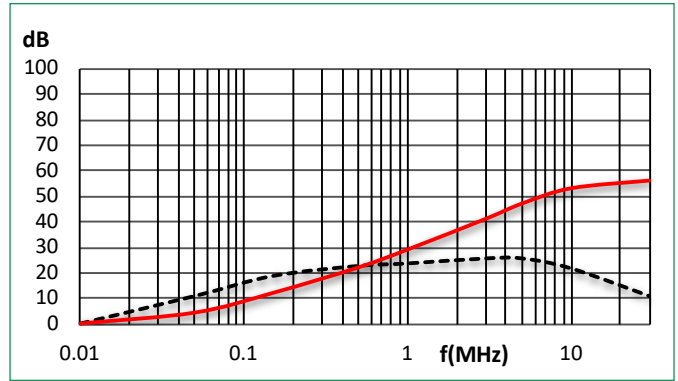
2A



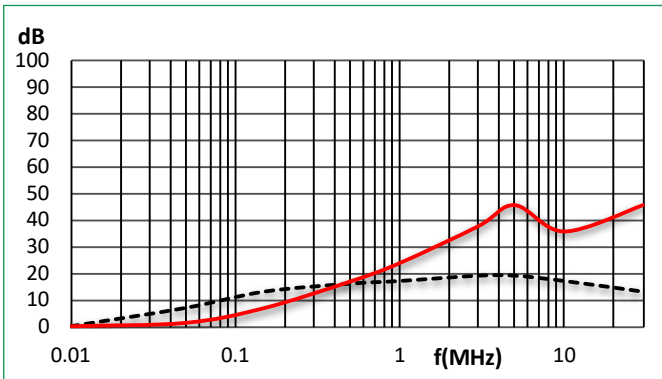
3A



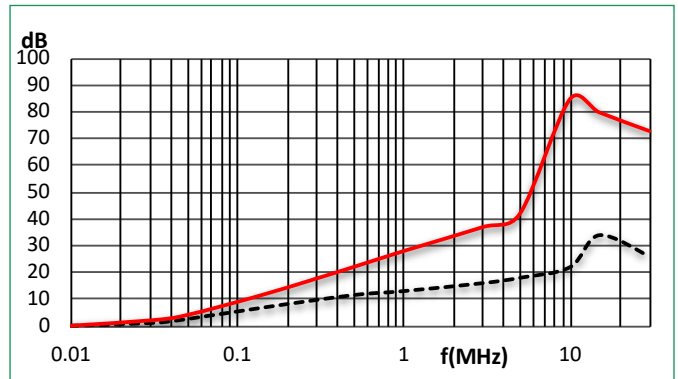
6A



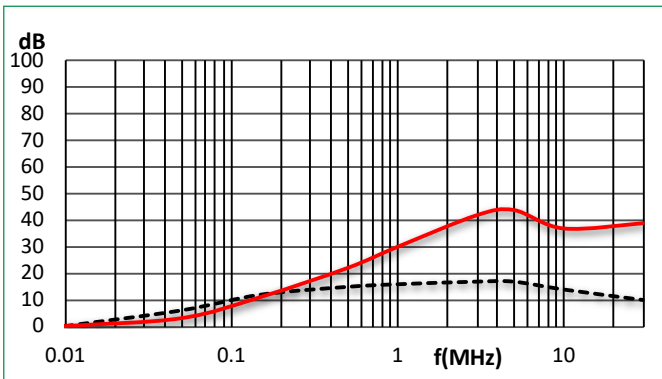
10A



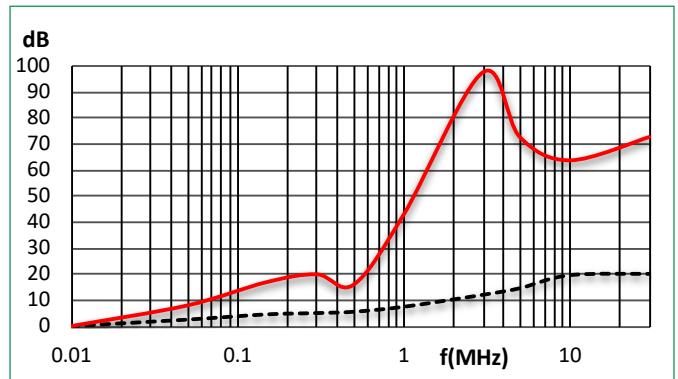
15A



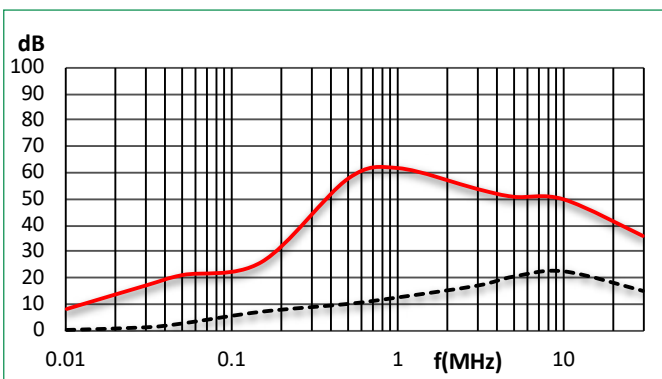
16A



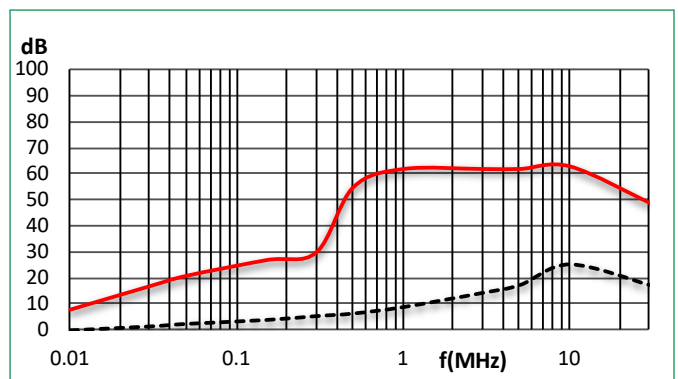
20A



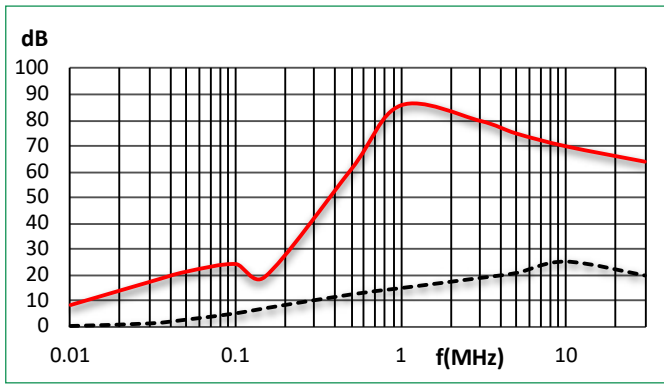
25A



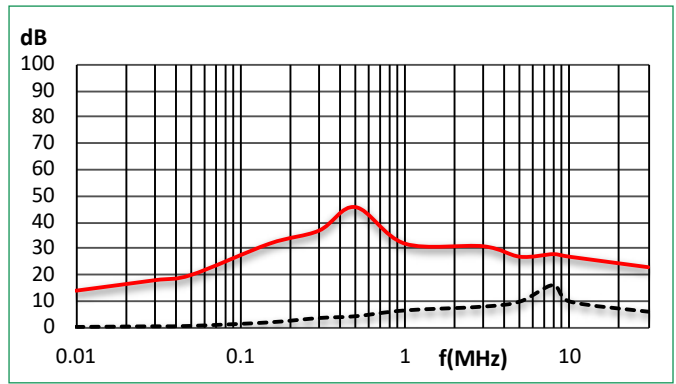
30A



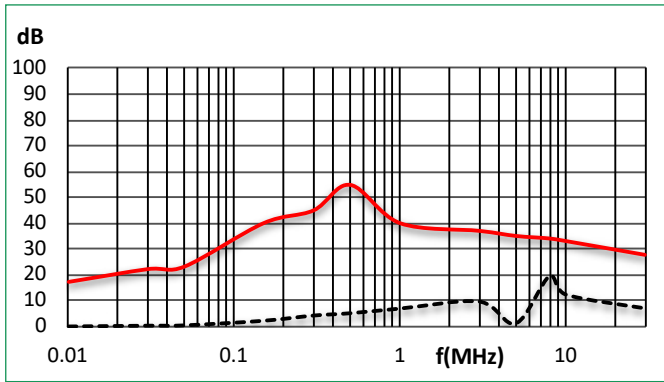
40A



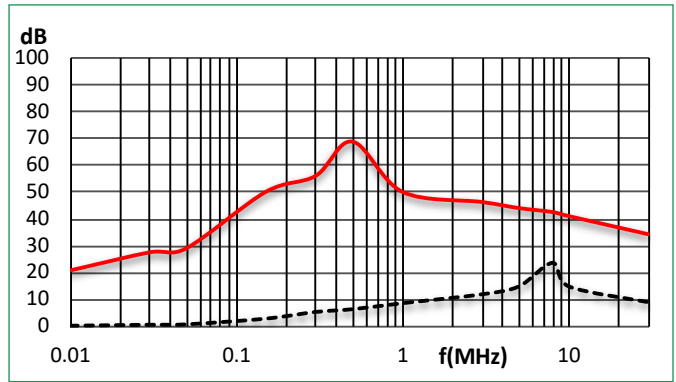
50A



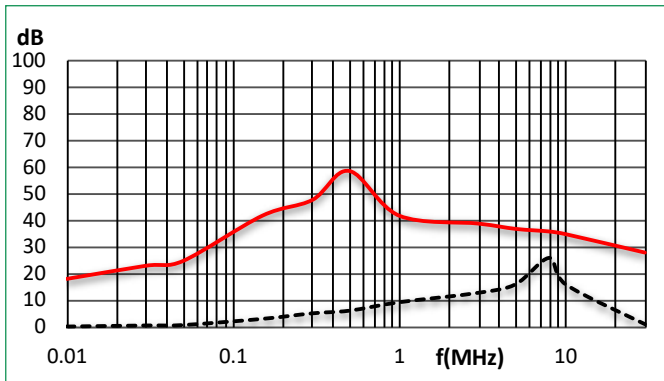
60A



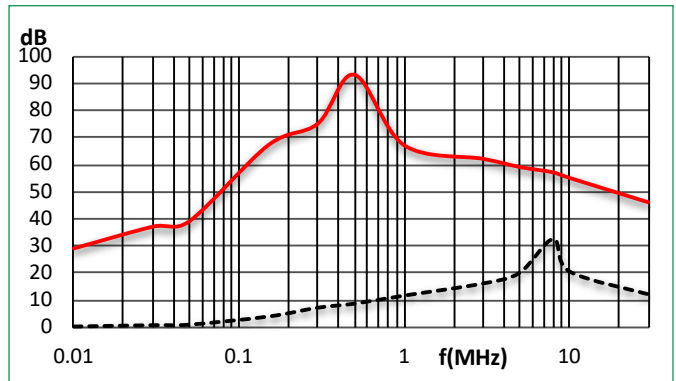
75A



80A



100A



125A

